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Correction to: Conservative versus surgical management for patients with rotator cuff tears: a systematic review and META-analysis

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Correction to: BMC Musculoskelet Disord 22, 50 (2021) https://doi.org/10.1186/s12891-020-03872-4

Following publication of this article [1], the authors report the following Corrections to the main text:

- i) The authors were made aware, that in the cohort of Kukkonen et al. [2, 3] the surgical group was labelled as conservative, and the conservative group as surgical. In view of this error, the authors corrected the database and performed the statistical analysis again (revised Table 3). The results were modified accordingly (revised Fig. 2, revised Fig. 3).
- ii) The authors found that the main conclusion is unchanged, namely that there is no significant difference in terms of Constant and Murley score (CMS) between surgical and conservative treatment in patients with rotator cuff tears at two-year follow-up.
- iii) Results showed statistically significant differences between the CMS measured at one year of follow-up, a secondary outcome, in favour of surgical rotator cuff repair compared with patients treated conservatively (P=0.003).

The original article [1] has been updated.

The original article can be found online at https://doi.org/10.1186/s12891-020-03872-4.

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24 months 79.3 ± 13.6

Table 3 Constant and Murley Score (mean \pm SD) at baseline, 12 and 24 months of follow-up

Constant and Murley score at 1-year follow-up (range 0 to 100)	Constant and Murle	y score at 1-	year follow-up	(range 0 to 100)
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 77.7 ± 14.9

Constant ai	id Mulley score at 1-ye	ear ronow-up (range o	10 100)			
Authors	Moosmayer 2010, [4]		Kukkonen 2014, [3]		Lambers Heerspink 2	?015, [5]
	Surgical group (n = 51)	Conservative group (n = 51)	Surgical group (n = 55)	Conservative group (n = 55)	Surgical group (n = 20)	Conservative group (n = 25)
Baseline	35.3 ± 13.2	38.4 ± 14.2	58.1 ± 13.2	57.1 ± 16.7	55.6 ± 18.4	56.9 ± 15.0
12 months	77.7 ± 13.4	$70.3 \pm 19,1$	77.9 ± 12.1	74.1 ± 14.2	81.9 ± 15.6	73.7 ± 18.4
Constant ar	nd Murley score at 2-ye	ear follow-up (range 0	to 100)			
Authors	Moosmayer 2014, [6]		Kukkonen 2015, [2]		-	
	Surgical group (n = 51)	Conservative group (n = 51)	Surgical group (n = 54)	Conservative group (n = 55)		

 80.6 ± 15.4

 76.2 ± 15.5

	Surgi	cal Gr	oup	Conser	vative G	roup		Mean Difference		Me	ean Differenc	е	
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI		IV	, Fixed, 95%	CI	
Kukkonen et al. 2014	77.9	12.1	55	74.1	14.2	55	54.4%	3.80 [-1.13, 8.73]			-		
Moosmayer et al. 2010	77.7	13.4	51	70.3	19.1	51	32.2%	7.40 [1.00, 13.80]			-		
Lambers Heerspink et al. 2015	81.9	15.6	20	73.7	18.4	25	13.4%	8.20 [-1.74, 18.14]			•		
Total (95% CI)			126			131	100.0%	5.55 [1.91, 9.19]			*		
Heterogeneity: Chi² = 1.08, df = 2 (P = 0.58); I² = 0% Test for overall effect: Z = 2.99 (P = 0.003)													

	Surgi	cal Gr	oup	Conser	vative G	roup	Mean Difference			
Study or Subgroup	Mean	SD	IV, Fixed, 95% CI							
Moosmayer et al. 2014 79.3 13.6 51 77.7 14.9 51 52.3% 1.60 [-3.94, 7.14]								*		
Kukkonen et al. 2015	80.6 15.4 54 76.2 15.5 55 47.7% 4.40 [-1.40, 10.20]									
Total (95% CI) 105 106 100.0% 2.93 [-1.07, 6.94] Heterogeneity: Chi² = 0.47, df = 1 (P = 0.49); l² = 0%										
Toot for everall effect: 7 = 1.44 (P = 0.15)										
Fig. 3 Forest plot: Constant and Murley score at 24 months of follow-up										

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